

ABSTRACT

The present invention provides a more reliable safety monitoring device on the station platform, where the safety monitoring device detects the fall of a person on the platform edge on the railroad-track side onto a railroad track with stability, recognizes at least two persons, and obtains the entire action log thereof. The present invention recognizes the person at the platform edge by distance information and texture information and determines the position on the platform edge. At the same time, the present invention detects the case where the person falls onto the railroad track with stability and automatically transmits a stop signal or the like. At the same time, the present invention transmits an image of the corresponding camera. Further, the present invention records the entire action of all persons moving on the platform edge.